

**ARTICLE CB            WASTEWATER RAPID INFILTRATION BASINS  
CAPACITY ASSESSMENT**

(Two-thirds vote)

(Two-thirds would be necessary to comply with the current bylaw)

To see if the Town will raise and appropriate, or appropriate from available funds, a sum of money to defray the necessary expenses of a Rapid Infiltration Basin Capacity study, or take any other action relative thereto.

**SUMMARY**

This Article would fund a \$25,100 hydrogeological study from General Revenues to assess the potential wastewater discharge capacity of the existing sewer infrastructure. The scope of the project is to confirm the current discharge capacity of the Rapid Infiltration Basins (RIBs) at Adams Street and to assess the potential for expanded discharge capacity by addressing flow, hydrologic loading limitations, and the potential for impact on future drinking water supplies. The Article needs a 2/3's vote approval as required under the Town Bylaw D10, Sewer Assessment Bylaw.

Direct inquiries to:    Doug Halley, Health Director  
   dhalley@acton-ma.gov / (978) 264-9634

Selectman assigned:    Lauren Rosenzweig and Andrew Magee: bos@acton-ma.gov

<b>Recommendations:</b>	<b><u>Board of</u></b>	<b><u>Finance</u></b>
	<b><u>Selectmen</u></b>	<b><u>Committee</u></b>

---

(Two-thirds vote)

To see if the Town will raise and appropriate, or appropriate from available funds, a sum of money to defray the necessary expenses of a planning study to assess the potential costs of expanding sewers to specified High Priority Needs Areas identified by the Comprehensive Water Resources Management Plan, or take any other action relative thereto.

This Article would fund a \$34,500 sewer planning study from General Revenues to assess the potential costs of expanding sewers to the High Priority Needs Areas of the Spencer/Tuttle/Flint neighborhood and West Acton Village, east of the railroad tracks as identified by the Comprehensive Water Resources Management Plan. The scope of the project is to focus on defining the boundaries of the "recommended" sewer areas ranked as High Priority in the CWRMP-Phase 2 Report. From this definition a Design Basis Report will be delivered that will include conceptual sewer designs and an estimate of probable costs. The Article needs a 2/3 vote approval as required under the Town Bylaw D10, Sewer Assessment Bylaw.

Selectman assigned: Lauren Rosenzweig and Andrew Magee: bos@acton-ma.gov

## Finance Committee



**TOWN OF ACTON**  
**WATER RESOURCES ADVISORY COMMITTEE**  
472 Main Street  
Acton, Massachusetts, 01720  
Telephone (978) 264-9634  
Fax (978) 264-9630

---

## **2007 ANNUAL TOWN MEETING**

### **ARTICLE CB AND CC**

### **FREQUENTLY ASKED QUESTIONS**

#### **Article CB – Rapid Infiltration Basin Capacity Assessment**

##### **What is the purpose of this Article?**

This article is meant to fund, from general revenue, a \$25,100 study of the existing wastewater disposal facility located at the corner of Adams and High Streets.

##### **Why do we need to study this disposal area?**

When the South Acton Sewer Project was designed and built in the late 1990's, the studies conducted at the time showed that it may be possible for the disposal of additional volumes of wastewater. When the State issued the permit for the wastewater disposal facility, they limited Acton with the qualification that we could come back with information gathered during facility operations for a potential future increase. This is the information that will be compiled through this study.

##### **Why do we need more disposal capacity?**

When the South Acton Sewers were built, they were "supersized" to allow for future expansion of the system. Currently, only 42,000 gallons per day is available to dedicate to sewer expansion. If additional capacity was available, more High Priority Needs Areas, identified in the CWRMP, could potentially be sewered. The availability of additional disposal capacity gives the Town more options as we move forward to solve wastewater problems throughout the community.

#### **Article CC – Sewer Extensions Design Basis Report**

##### **What is the purpose of this article?**

This article is meant to fund, from general revenue, a \$34,500 feasibility study for the design of a sewer expansion for the Spencer/Tuttle/Flint neighborhood and the area of West Acton Village, east of the railroad tracks.

##### **What will the study tell us?**

This study will provide a preliminary design for the routing of the sewer lines, and placement of any pump stations. It will also provide a total projected project cost for both final design, and construction.

##### **Why do we need this information?**

In the final version of the CWRMP, sewerage was recommended as the best environmental solution for the Spencer/Tuttle/Flint neighborhood and the area in West Acton Village, east of the railroad tracks. In order to proceed forward with this project, it is important that the Town know the potential costs involved with extending sewer to these areas.

**BOTH OF THESE ARTICLES REQUIRE a 2/3's VOTE TO PASS**